

## LITTLE COLORADO RIVER BASIN

09400290 TESHBITO WASH TRIBUTARY NEAR HOLBROOK, AZ

LOCATION.--Lat 35°28'50", long 110°05'15", in SW<sup>1</sup>/<sub>4</sub> sec.14, T.24 N., R.21 E., Navajo County, Hydrologic Unit 15020011, at State Highway 77, 7 mi north of Bita Hochee Trading Post, and 37 mi north of Holbrook.

DRAINAGE AREA.--20.0 mi<sup>2</sup>, of which 10.7 mi<sup>2</sup> is noncontributing.

### Annual peak discharges

Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes	Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes
1960	00-00-60	( <sup>1</sup> )	HP	1970	09-05-70	890	
1963	00-00-63	700		1971	08-31-71	660	
1964	08-00-64	870		1972	09-00-72	30	ES
1965	07-00-65	787		1973	10-19-72	740	
1966	08-01-66	100		1974	08-00-74	370	
1967	08-30-67	600		1975	07-15-75	330	
1968	08-11-68	61		1976	00-00-76	160	
1969	09-12-69	640					

<sup>1</sup>Discharge unknown.

Magnitude and probability of instantaneous peak flow based on period of record 1963-76

Discharge, in ft <sup>3</sup> /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2 50%	5 20%	10 10%	25 4%	50† 2%	100† 1%
371	874	1,310	1,950	2,470	3,030
Weighted skew	(logs) =	-0.46			
Mean	(logs) =	2.53			
Standard dev.	(logs) =	0.48			

† Reliability of values in column is uncertain, and potential errors are large.

### Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
93.7	6.4	6,420	43.0	3.0	8.2	1.3	2.9

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